

Product datasheet for **RN213810**

Zfp281 (NM_001012030) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp281 (NM_001012030) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfp281
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213810 representing NM_001012030
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAATCGGCAGCGGGTTCCTCAGCGCGCGCGCGGTCCCGCAGTAGCGGTGGTAGCGGCTCCAGCG
 GCAGCTCCGGCAGCGCGCAGCAGGAGAGCTGAGATGGAGCCACCTTCCCCCAGAGTATGGTTATGTT
 CAACCACCGGCTCCCCCGGTACCAGCTTACCACCGCCTGCGGGGACGGCCGCCCTCCCCCGAGTGC
 GTGTTATCCTCCTACCTCCGAGCCCGGCCGCTGAGCCCCCCTCCACCAGCCCCGGACATGACTT
 TCAAGAAGGAGCCGGCGGTGACCGCGGCTTCCCTTCGAGAGGACCTCCTGGGGATTCTTGACGTC
 CTTGGTGAGCATCAAGCAGGAGAACTGCGGATCCTGAGGAGCAGCAGTCCCACCACCATCATCCACC
 CACCATATGGGGGCTGTTGCTGGGGCTGAAGAGAGATCACCAGGCCTAGGAGGAGGGGAAGGGGGA
 GCCACGGCGTCATCAAGACCTCAGTATTCTCCACCAGCATGTCCAGCAGCAACCAGCCCAGCATACCC
 CGATGTATTACTGAGCAGCAGCGGTAGCAGGACTGATGACCATGGCAACGAGGAGCCAAAGCAGGACT
 AACGTCAAAAAGGCAAAGAGGCCAAAGCCAGAATCTCAGGAATCAAAGCCAAGGAGAAGCCAAGTGCAT
 CTTCCAAACCTTTGGTTGGAGAGGGAGAAGGTGCCGTCCTGTCCCAAGTCAGAAACCTCATATCTGTGA
 TCACTGTAGTGTCTTTTCCAGGAGCTCCTACCCTGCGGAGACATGTCCTCATTACACAGGAGAAAGG
 CCGTTCAGTGCAGCCAGTGTAGTATGGGTTTCATTGAGAAATACCTACTGCAGAGACACGAGAAATTC
 ACAGCAGAGAGAAGCCCTTTGGGTGCGATCAGTGCAGCATGAAGTTTATTCAGAAGTACCATATGGAGAG
 ACACAAGAGGACACATAGTGGAGAAAAGCCATAAAGTGTGACTTGCACACAGTATTTTTCAAGGACT
 GACAGATTGTTGAAGCACAGGCGCACGTGTGGTGAAGCCATAGCAAAAGGGGCGCTAGTGCAGAACCTG
 GGTCATCAAACCATATAATATGGGTAATCTGGCTGTGTTGCTCAGGGAATACAAGTTCTTACGGGAG
 AAAATCGAAGTCAAAAAGCATAGCTGTTGAAAATAGGAACACAAGACTGGCAAAACAAACGAATCACAG
 ATGTCAAACAATATAACATGCAGAGTTACTCAGTAGAAATGCCTACTGTGTCCACCAGTGGCGGCATCA
 TCGGCACGGGCTCGATGAGCTACAGAAAAGGTGCCAAAAGTATCTTTAAGAAAGGAAGCAGAAAAGAA
 TACAGATAAAAGCTACCTTAATTTGTGTACCCTTACCAGATGTAGCTGGGAGAAATCCTTGTCTGGT
 AAACCAAGTGGCTCGCTTGGCATCGATCGAACAATAGCGTGGAGACCATTAGTCTTCCAAAAGTGCAA
 GCGGCAAACCAGGCCGATAAGTAGTAATTATGATGATGCCATGCAGTTCCTCAAAGAAGAGAAGATACTT
 ACCAAGTCCAGCAGCAACAGTGCCTTTCTATCAATGTAGGACACATGGTCTCCAGCAGTCAAGTATT
 CAGTCTGCAGGGTCAAGTGTGTTGGACAATGAGGCGCCATTGTCATTATTGACTCCTCAGTCTAAATG
 CTGAAATTAAGTCTGTACGACAAGTCTGGAATTCCTGATGAGGTTCTACAAAGTATTTGGATCAGTA
 CTCTAGCAAGTCAGAACCACAGAAGGAGGATCCCTTCACTTAACAGAACCACGAGTGGATTTACACACC
 TCAGGAGAACACTCTGAATTTGGTTCAAGAAGAGCATTGAGCCAGGCACCCAGACACCTTCAAATGACA
 AAGCAAGCGTGTGACGAGTACTCCAAATACCTCCAGCAGGCTTTTGGAAAGTCCACGAATGCAGGTTT
 TACCCTCGGACATGGTTCCAGTTTGTGAGCTTATCTTCACTCTCCACAACCACACTTTGTTTCCAGAA
 AAACAGATATACACTACATCTCCTTTGGAGTGTGGTTTGGCCAACTGTTACCTCAGTGTGCCATCTT
 CATTGCCAAAAGCCTCCTTTTGGGATGTTGTTGGATCTCAACCAGGCTTTATTTATCTGCTTTGGATGC
 TACACATCAGCAGTTGACACCTTCCAGGAGCTGGATGATCTGATAGATTCTCAGAAAGAACTTAGAGACA
 TCATCAGCCTTCCAGTCCATCTCAGAAATTGACTAGCCAGAAGGAACAACAGAAAAATTTAGAGTCTT
 CAACAAGCTTTCAGATTCATCTCAGGAGTTAGCTAGCCAGATTGATCCTCAGAAAGACATAGAGCCTAG
 AACACGTACCAGATTGAGAACTTGCACAAGCATTGCGTTCTCAGTTTAAAGTCGGGCAGCAGGGTGCCA
 ATGACCTTTATCACTAATCTAATGGAGAAGTGGACCATAGAGTAAGGACTTCAGTGTGAGATTTCTCAG
 GGTATACAAATATGATGTCTGATGTAAGTGAAGCAGTGTAGTACAAGAGTAAAGACACCCACCAGCCAGAG
 TTACAGG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001012030

Insert Size:	2670 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001012030.1</u> , <u>NP_001012030.1</u>
RefSeq Size:	3114 bp
RefSeq ORF:	2670 bp
Locus ID:	305083
Cytogenetics:	13q13